

(12) INTERNATIONAL APPLICATION PUBLISHED IN ACCORDANCE WITH THE
PATENT CO-OPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Office

[WIPO
logo]

[bar code]

(43) Date of International Publication:
February 24, 2005 (2/24/2005)

PCT

(10) International Publication Number:
WO 2005/016574 A1

(51) International Patent Classification⁷: **B21D 43/10,**
7/12

(21) International Appl. No.: PCT/EP2004/007730

(22) Filed: July 13, 2004 (7/13/2004)

(25) Language submitted in: German

(26) Language published in: German

(30) Priority Data

103 36 554.0 August 5, 2003 (8/5/2003) DE

10 2004 012 771.9 March 15, 2004 (3/15/2004) DE

(71) Applicants (for all designated states except the US):
ROSENBERGER AG [DE/DE]; Im Dürstborne 15, 99510
Apolda (DE)

(72) Inventors; and

(75) Inventors/Applicants (only for US):
ROSENBERGER, Gerhard [DE/DE]; Höhenweg 1,
78148 Gütenbach/Neueck (DE).

(74) Agent: **WEISS, Peter**; Zeppelinstrasse 4, 78234 Engen
(DE).

(81) Designated States (insofar as others are not indicated for all available types of national protection):
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

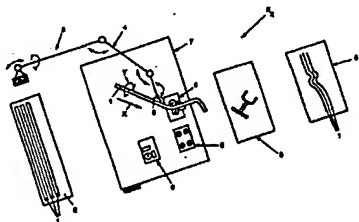
(84) Designated States (insofar as others are not indicated for all available types of regional protection):
ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *With an international research report*

For explanation of the two-letter codes and other abbreviations, please see the section entitled "Guidance Notes on Codes and Abbreviations" at the beginning of every regular edition of the PCT gazette.

(54) Title: **PROCESS FOR BENDING WORKPIECES**



(57) Abstract: In a process for bending workpieces (1), particularly pipes, wires, bars, semi-finished products, sheet metal or the like, with at least one bending device (6), at least one robot (3) is to pick up the workpiece (1) to be shaped and feeds it to the at least one bending device (6) for shaping, in particular bending.